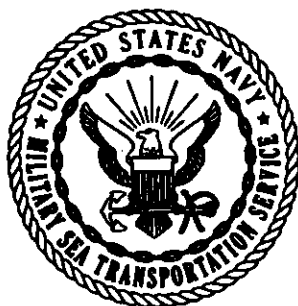


after

ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS Gen John Pope TAD 110

FROM 26 August 19 68 TO _____ 19 ____

INSTRUCTIONS

1. The entries in this book will be made neatly and legibly by the engineer or other person directly in charge of the machinery of the vessel, and with pen and ink or indelible pencil. No erasures nor the removal of any leaves will be permitted. Incorrect entries may be changed by drawing a single line through same with ink or indelible pencil and writing in the correct data, followed by the initials of the person making the change. The greatest care shall be used in keeping the log book to insure absolute accuracy in all particulars.

2. All entries of time shall be made on the 24-hour basis, noon to noon.

3. Under the heading "Remarks" a careful, detailed record of the events occurring daily in the engine department shall be entered in the log book, together with notation of any violation of orders or regulations. Remarks should be preceded by the time when pertaining to important tests, casualties, injuries, etc.

4. Entries regarding the following shall also be made when occurring:

(a) Repairs, cleaning, and painting, including machinery outside the engine spaces.

(b) Faulty or erratic operation or failure of machinery.

(c) Any important changes in machinery of any nature, or additions thereto.

(d) Remetalling of bearings; fitting new piston rings; reboring cylinders; renewing pump parts, metallic packing, important valves, propeller, shafting, stern bearing, zinc protection bars and rings outboard, strainers, etc.; data to show in all cases exactly what parts have been attended to or repaired, material or article used and reasons.

(e) Pumping of bilges.

(f) Blowing of tubes.

(g) Examining holding down bolts.

(h) Fuel and water taken aboard. The fuel account shall be carefully kept and the quantity consumed each day accurately ascertained.

(i) Grade and quality of fuel oil and lubricating oil used; also type of filtering and cleaning elements installed in both fuel and lube oil lines; results obtained from use thereof.

(j) Record of special tests ordered made.

(k) Defects in supplies received.

(l) Derelictions or deficiencies developed on the part of any member of the engine department.

5. In twin screw vessels when both engines are in the same engine space, alternate pages will be used for recording the readings from the starboard machinery, the other pages being used for the port machinery. In such cases, each sheet of the log book will bear the notation either "Port Machinery" or "Starboard Machinery." In the event that the machinery for each propeller is in a separate engine room, two books shall be utilized and each page of each such book shall be properly marked to indicate to which engine room it applies. For such ships, in addition to individual fuel, water, and lube oil summaries, the sheets covering the control engine room shall carry a consolidated figure reflecting the status of these materials for both machinery spaces.

6. The log books shall be retained on board unless required temporarily by the administrative commander and destroyed when three years old.

		WATCH								WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME										AFT. H. P. ROTOR BEARING						
DETENTION TIME										FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)										AFT. L.P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)										HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM										HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)										AUX. COND. CONDENSATE						
F.O. CONSUMED										1ST STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	PRESSURES	THROTTLE								D. C. FEED WATER HEATER						
		H.P. AHEAD								3RD STAGE FEED WATER HEATER						
		L.P. AHEAD														
		VACUUM														
		L.O. TO TURBINES														
		AUX. STEAM														
		BACK PRESSURE														
		GLAND STEAM														
		H.P. BLEEDER														
	TEMPERATURES	L.P. BLEEDER														
		STEAM AT THROTTLE														
		L.P. EXHAUST														
		CONDENSATE														
		CIRC. WATER IN														
		CIRC. WATER OUT														
		L.O. TO COOLERS														
		L.O. FROM COOLERS														
		TEMPERATURE THRUST BEARING														
		FORWARD H.P. ROTOR BEARING														

GENERATORS												FUEL - WATER AND LUBE OIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL	DOMESTIC WATER	L.O. CENTRIFUGE - HOURS OPERATED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

P. L. Warner

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/c

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/c

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/c

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/c

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M Chavez 3rd

CHIEF ENGINEER

BLRS.	✓
P.A.L.K.	
T.A.L.K.	
CHL.	
PHOS.	
P.H. Cond.	
P.H.-D.C.	
CHEMICALS ADDED	
ADJ.	
G.C.	
A.R.C.	
STEAMING HOURS	
F.S.	
W.S.	

542 - 000
2052 - 2105

CHIEF ENGR'S SIGNATURE-

J. Scholten

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
13-17		13-17		13-17		13-17		13-17		13-17			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200			
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS		PRESSURES		THROTTLE									
				H.P. AHEAD									
				L.P. AHEAD									
				VACUUM									
				L.O. TO TURBINES									
				AUX. STEAM									
				BACK PRESSURE									
				GLAND STEAM									
				H.P. BLEEDER									
				I.P. BLEEDER									
TEMPERATURES		STEAM AT THROTTLE											
		L.P. EXHAUST											
		CONDENSATE											
		CIRC. WATER IN											
		CIRC. WATER OUT											
		L.O. TO COOLERS											
		L.O. FROM COOLERS											
		TEMPERATURE THRUST BEARING											
		FORWARD H.P. ROTOR BEARING											
MACHINERY PARTICULARS (CONT'D)		AFT. H. P. ROTOR BEARING											
		FORWARD L. P. ROTOR BEARING											
		AFT. L. P. ROTOR BEARING											
		HOTTEST GEAR BEARING FORWARD											
		HOTTEST GEAR BEARING AFT											
		AUX. COND. CONDENSATE											
		1ST STAGE FEED WATER HEATER											
		D. C. FEED WATER HEATER											
		3RD STAGE FEED WATER HEATER											
BOILER PARTICULARS		F.O. TO BURNERS											
		F. O. BACK PRESSURE											
		AIR TO FURNACE											
		UPTAKE											
		MAIN STEAM											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		SUPER HEAT											
		F.O. TO BURNERS											
		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
TEMPERATURES		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Blaney 3/A

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clayton Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clayton Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schellman R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schellman R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Blaney 3/A

CHIEF ENGINEER

13	BERS. # 4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Schellman R/E

[illegible]

REMARKS

1200-1600 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

Joe M. Chavaz 3/A

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Raymond Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Raymond Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Sebastian R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Sebastian R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Chavaz 3/A

CHIEF ENGINEER

73	BERS. #4	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2008	

CHIEF ENGR'S SIGNATURE-

J. Sebastian

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
13-17		13-17		H. J. Smith		H. J. Smith		13-17		1/24-30/68	

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME						MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L. P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)						TEMPERATURES (CONT'D)	AUX. COND. CONDENSATE						
F.O. CONSUMED							1ST STAGE FEED WATER HEATER						
							D. C. FEED WATER HEATER						
							3RD STAGE FEED WATER HEATER						
							F.O. TO BURNERS						
						PRESSURES	F. O. BACK PRESSURE						
							AIR TO FURNACE						
							UPTAKE						
							MAIN STEAM						
							SUPER HEAT						
						MISCELLANEOUS	F.O. TO BURNERS						
							F.O. TEMP. IN SETTLING TANKS						
							PORT BOILER UPTAKE						
							STBD. BOILER UPTAKE						
							ENGINE ROOM TEMPERATURE						
						FIRE ROOM TEMPERATURE							
						NOZZLES IN USE							
						NO. OF BURNERS IN USE							
						BURNER TIP SIZE							
						CO ₂ % PORT BOILER							
						CO ₂ % STBD. BOILER							
						OIL LEVEL MAIN SUMP							

MACHINERY PARTICULARS											
PRESSURES						TEMPERATURES					
THROTTLE						STEAM AT THROTTLE					
H.P. AHEAD						L.P. EXHAUST					
L.P. AHEAD						CONDENSATE					
VACUUM						CIRC. WATER IN					
L.O. TO TURBINES						CIRC. WATER OUT					
AUX. STEAM						L.O. TO COOLERS					
BACK PRESSURE						L.O. FROM COOLERS					
GLAND STEAM						TEMPERATURE THRUST BEARING					
H.P. BLEEDER						FORWARD H.P. ROTOR BEARING					
I.P. BLEEDER											
L.P. BLEEDER											

GENERATORS												FUEL - WATER AND LUBE OIL												
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED
1200 TO 1600																								
1600 TO 2000																								
2000 TO 2400																								
2400 TO 0400																								
0400 TO 0800																								
0800 TO 1200																								

L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY			
RUNNING TIME		PERCENT OF SLIP	
DETENTION TIME		BBL FUEL/MI	
TOTAL REVOLUTIONS		WIND DIRECTION	
AVERAGE R.P.M.		STATE OF SEA	
TOTAL MILES BY ENGINE		STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Braney 3/A

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Hyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Hyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schotman R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schotman R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Braney 3/A

CHIEF ENGINEER

FB	BLKS. #4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

Hyde Wilson R/E

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
12-12-22		1317		H. L. B. 17		H. L. B. 17		12-12-22		12-12-22	
WATCH											
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
WATCH											
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
MACHINERY PARTICULARS (CONT'D)											
AFT. H. P. ROTOR BEARING											
FORWARD L. P. ROTOR BEARING											
AFT. L. P. ROTOR BEARING											
HOTTEST GEAR BEARING FORWARD											
HOTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
F.O. TO BURNERS											
F. O. BACK PRESSURE											
AIR TO FURNACE											
UPTAKE											
MAIN STEAM											
SUPER HEAT											
F.O. TO BURNERS											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
NO. OF BURNERS IN USE											
BURNER TIP SIZE											
CO2 % PORT BOILER											
CO2 % STBD. BOILER											
OIL LEVEL MAIN SUMP											
MACHINERY PARTICULARS											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
I.P. BLEEDER											
L.P. BLEEDER											
STEAM AT THROTTLE											
L.P. EXHAUST											
CONDENSATE											
CIRC. WATER IN											
CIRC. WATER OUT											
L.O. TO COOLERS											
L.O. FROM COOLERS											
TEMPERATURE THRUST BEARING											
FORWARD H. P. ROTOR BEARING											
GENERATORS											
GENERATOR NUMBER R.P.M. STEAM PRESSURE STEAM TEMP. L.O. PRESSURE L.O. TO COOLER L.O. FROM COOLER TEMP. OF HOTTEST BEARING L.O. GOVERNOR PRESSURE AMPS POSITIVE AMPS NEGATIVE VOLTS											
1200 TO 1600											
1600 TO 2000											
2000 TO 2400											
2400 TO 0400											
0400 TO 0800											
0800 TO 1200											
FUEL - WATER AND LUBE OIL											
METER AT NOON											
METER PREVIOUS NOON											
CONSUMED BY METER											
ON HAND AT START OF DAY											
RECEIVED DURING DAY											
EXPENDED DURING DAY											
REMAINING ON BOARD											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
DOMESTIC WATER											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
SUMMARY											
RUNNING TIME											
DETENTION TIME											
TOTAL REVOLUTIONS											
AVERAGE R.P.M.											
TOTAL MILES BY ENGINE											
TOTAL MILES BY OBSERVATION											
PERCENT OF SLIP											
BBL FUEL/MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

REMARKS

1200-1600 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. M. Chavez 3/A.

1600-2000 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E.

2000-2400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E.

2400-0400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Scholium R/E

0400-0800 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Scholium R/E

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Scholium R/E

CHIEF ENGINEER

3	BLRS. # 4	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
242	F.S. 000	
2082	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Scholium

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
13-17		13-17		13-17		13-17		13-17		13-17			
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS (CONT'D)													
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L. P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS													
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE													
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													

GENERATORS													
WATCH													
GENERATOR NUMBER													
R. P. M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													
L.O. FROM COOLER													
TEMP. OF HOTTEST BEARING													
L.O. GOVERNOR PRESSURE													
AMPS POSITIVE													
AMPS NEGATIVE													
VOLTS													
1200 TO 1600													
1600 TO 2000													
2000 TO 2400													
2400 TO 0400													
0400 TO 0800													
0800 TO 1200													
FUEL - WATER AND LUBE OIL													
METER AT NOON													
METER PREVIOUS NOON													
CONSUMED BY METER													
ON HAND AT START OF DAY													
RECEIVED DURING DAY													
EXPENDED DURING DAY													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED:													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
SUMMARY													
RUNNING TIME													
DETENTION TIME													
TOTAL REVOLUTIONS													
AVERAGE R.P.M.													
TOTAL MILES BY ENGINE													
TOTAL MILES BY OBSERVATION													
PERCENT OF SLIP													
BBL FUEL/MI													
WIND DIRECTION													
STATE OF SEA													
STATE OF WEATHER													

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

CHIEF ENGINEER

# 3	BLRS. # 4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Scholten R/E

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Edith Wilson R/E

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Edith Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Edith Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

CHIEF ENGINEER

3	BLRS.	✓
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Schettin R/E

USNS <i>Albatross</i>		VOYAGE NO. <i>13-H</i>	FROM <i>San Francisco, Calif.</i>	TO	TYPE OF VESSEL <i>17-12-12</i>	DATE <i>9/2-3</i>									
		WATCH							WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME								MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING						
DETENTION TIME									FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)									AFT. L. P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)									HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM									HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)									AUX. COND. CONDENSATE						
F.O. CONSUMED									1ST STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	PRESSURES	THROTTLE						TEMPERATURES	O. C. FEED WATER HEATER						
		H.P. AHEAD							3RD STAGE FEED WATER HEATER						
		L.P. AHEAD							F.O. TO BURNERS						
		VACUUM							F.O. BACK PRESSURE						
		L.O. TO TURBINES							AIR TO FURNACE						
		AUX. STEAM							UPTAKE						
		BACK PRESSURE							MAIN STEAM						
		GLAND STEAM							SUPER HEAT						
		H.P. BLEEDER							F.O. TO BURNERS						
	TEMPERATURES	I.P. BLEEDER						F.O. TEMP. IN SETTLING TANKS							
		L.P. BLEEDER						PORT BOILER UPTAKE							
		STEAM AT THROTTLE						STBD. BOILER UPTAKE							
		L.P. EXHAUST						ENGINE ROOM TEMPERATURE							
		CONDENSATE						FIRE ROOM TEMPERATURE							
		CIRC. WATER IN						NOZZLES IN USE							
		CIRC. WATER OUT						NO. OF BURNERS IN USE							
		L.O. TO COOLERS						BURNER TIP SIZE							
		L.O. FROM COOLERS						CO ₂ % PORT BOILER							
		TEMPERATURE THRUST BEARING						CO ₂ % STBD. BOILER							
GENERATORS															
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	
													METER PREVIOUS NOON	EVAPORATED OR RECEIVED	
													CONSUMED BY METER	ON HAND	
													ON HAND AT START OF DAY	CONSUMED	
													RECEIVED DURING DAY	ON HAND AT START OF DAY	
													EXPENDED DURING DAY	RECEIVED	
													REMAINING ON BOARD	ON HAND	
1600 TO 2000													ON HAND AT START OF DAY	CONSUMED	
													EVAPORATED OR RECEIVED		
													ON HAND		
													CONSUMED		
2000 TO 2400													DOMESTIC WATER		
													ON HAND AT START OF DAY		
													EVAPORATED OR RECEIVED		
													ON HAND		
													CONSUMED		
2400 TO 0400													L.O. CENTRIFUGE - HOURS OPERATED		
													1200 TO 1600	1600 TO 2000	
													2000 TO 2400	2400 TO 0400	
													0400 TO 0800	0800 TO 1200	
0400 TO 0800													SUMMARY		
													RUNNING TIME	PERCENT OF SLIP	
													DETENTION TIME	BBL FUEL/MI	
													TOTAL REVOLUTIONS	WIND DIRECTION	
0800 TO 1200													AVERAGE R.P.M.	STATE OF SEA	
													TOTAL MILES BY ENGINE	STATE OF WEATHER	
													TOTAL MILES BY OBSERVATION		

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. H. Wilson R/E

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. H. Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. H. Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetinin R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetinin R/E

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

Joe M. Charey 3/A

CHIEF ENGINEER

75	BLRS. #4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

W. H. Wilson R/E

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
USS Johnston		13-17		Hawthorne		San Diego		12-01-2		9/3-4/68			
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
MACHINERY PARTICULARS													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS (CONT'D)													
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L. P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS													
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE													
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													
MACHINERY PARTICULARS (CONT'D)													
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM													
L.O. TO TURBINES													
AUX. STEAM													
BACK PRESSURE													
GLAND STEAM													
H.P. BLEEDER													
I.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L.P. EXHAUST													
CONDENSATE													
CIRC. WATER IN													
CIRC. WATER OUT													
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
GENERATORS													
WATCH													
GENERATOR NUMBER													
R.P.M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													
L.O. FROM COOLER													
TEMP. OF HOTTEST BEARING													
L.O. GOVERNOR PRESSURE													
AMPS POSITIVE													
AMPS NEGATIVE													
VOLTS													
FUEL OIL													
METER AT NOON													
METER PREVIOUS NOON													
CONSUMED BY METER													
ON HAND AT START OF DAY													
RECEIVED DURING DAY													
EXPENDED DURING DAY													
REMAINING ON BOARD													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
DOMESTIC WATER													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
SUMMARY													
RUNNING TIME													
PERCENT OF SLIP													
DETENTION TIME													
BBL FUEL/MI													
TOTAL REVOLUTIONS													
WIND DIRECTION													
AVERAGE R.P.M.													
STATE OF SEA													
TOTAL MILES BY ENGINE													
STATE OF WEATHER													
TOTAL MILES BY OBSERVATION													

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe. m. Chavey 3/17

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Wm. Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Wm. Wilson R/E

2400-0400 WATCH

PLANT Secured. Bilges Safe.

WATCH ENGR'S SIGNATURE-

Wm. Wilson R/E

0400-0800 WATCH

SAME AS ABOVE.

WATCH ENGR'S SIGNATURE-

Wm. Wilson R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe. m. Chavey 3/17

CHIEF ENGINEER

#3	BLS.	#4
	PALK.	
	TALK.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S.	000
2052	W.S.	2108

CHIEF ENGR'S SIGNATURE-

Wm. Wilson R/E

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
USNS		1317		Hunters Point S.F.				P-12-12		14-5/68			
WATCH													
<div>1200 TO 1600</div> <div>1600 TO 2000</div> <div>2000 TO 2400</div> <div>2400 TO 0400</div> <div>0400 TO 0800</div> <div>0800 TO 1200</div>													
WATCH													
<div>1200 TO 1600</div> <div>1600 TO 2000</div> <div>2000 TO 2400</div> <div>2400 TO 0400</div> <div>0400 TO 0800</div> <div>0800 TO 1200</div>													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS		PRESSURES		THROTTLE									
				H.P. AHEAD									
				L.P. AHEAD									
				VACUUM									
				L.O. TO TURBINES									
				AUX. STEAM									
				BACK PRESSURE									
				GLAND STEAM									
				H.P. BLEEDER									
				I.P. BLEEDER									
TEMPERATURES		STEAM AT THROTTLE											
		L.P. EXHAUST											
		CONDENSATE											
		CIRC. WATER IN											
		CIRC. WATER OUT											
		L.O. TO COOLERS											
		L.O. FROM COOLERS											
		TEMPERATURE THRUST BEARING											
		FORWARD H.P. ROTOR BEARING											
MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING									
				FORWARD L. P. ROTOR BEARING									
				AFT. L.P. ROTOR BEARING									
				HOTTEST GEAR BEARING FORWARD									
				HOTTEST GEAR BEARING AFT									
				AUX. COND. CONDENSATE									
				1ST STAGE FEED WATER HEATER									
				D. C. FEED WATER HEATER									
				3RD STAGE FEED WATER HEATER									
				BOILER PARTICULARS		TEMPERATURES		F.O. TO BURNERS					
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
MISCELLANEOUS		TEMPERATURES		ENGINE ROOM TEMPERATURE									
				FIRE ROOM TEMPERATURE									
				NOZZLES IN USE									
				NO. OF BURNERS IN USE									
				BURNER TIP SIZE									
				CO ₂ % PORT BOILER									
				CO ₂ % STBD. BOILER									
				OIL LEVEL MAIN SUMP									

GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL								
1200 TO 1600													METER AT NOON		ON HAND AT START OF DAY	357							
													METER PREVIOUS NOON	5679.370	EVAPORATED OR RECEIVED								
													CONSUMED BY METER		ON HAND	357							
													ON HAND AT START OF DAY	14143	CONSUMED								
													RECEIVED DURING DAY		ON HAND AT START OF DAY	1571							
													EXPENDED DURING DAY	41	RECEIVED								
													REMAINING ON BOARD	14102	ON HAND								
1600 TO 2000													ON HAND AT START OF DAY	502	CONSUMED								
													EVAPORATED OR RECEIVED		D.O.	1605							
													ON HAND	247									
													CONSUMED	15									
2000 TO 2400													LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)										
													L.O. CENTRIFUGE - HOURS OPERATED										
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200					
2400 TO 0400													SUMMARY										
													RUNNING TIME		PERCENT OF SLIP								
													DETENTION TIME		BBL FUEL/MI								
													TOTAL REVOLUTIONS		WIND DIRECTION								
0400 TO 0800													AVERAGE R.P.M.		STATE OF SEA								
													TOTAL MILES BY ENGINE		STATE OF WEATHER								
0800 TO 1200													TOTAL MILES BY OBSERVATION										

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Chancy 3/D

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Lyda Wilson R/E.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Lyda Wilson R/E.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J 2 Daigle R/R

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J 2 Daigle R/R

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

David L. Wanner

CHIEF ENGINEER

# 3	BLRS. # 4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. CONC.	
	P.H.D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
8 42	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

David L. Wanner

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
USNS		13-A		HAWAIIAN JUNGLE		HAWAIIAN JUNGLE		P-12-10		9/8-6/68			
WATCH													
<div>1200 TO 1600</div> <div>1600 TO 2000</div> <div>2000 TO 2400</div> <div>2400 TO 0400</div> <div>0400 TO 0800</div> <div>0800 TO 1200</div>													
WATCH													
<div>1200 TO 1600</div> <div>1600 TO 2000</div> <div>2000 TO 2400</div> <div>2400 TO 0400</div> <div>0400 TO 0800</div> <div>0800 TO 1200</div>													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS		PRESSURES		THROTTLE									
				H.P. AHEAD									
				L.P. AHEAD									
				VACUUM									
				L.O. TO TURBINES									
				AUX. STEAM									
				BACK PRESSURE									
				GLAND STEAM									
		TEMPERATURES		H.P. BLEEDER									
				I.P. BLEEDER									
				L.P. BLEEDER									
				STEAM AT THROTTLE									
				L.P. EXHAUST									
				CONDENSATE									
				CIRC. WATER IN									
				CIRC. WATER OUT									
TEMPERATURES		L.O. TO COOLERS											
		L.O. FROM COOLERS											
		TEMPERATURE THRUST BEARING											
		FORWARD H.P. ROTOR BEARING											
MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING									
				FORWARD L. P. ROTOR BEARING									
				AFT. L. P. ROTOR BEARING									
				HOTTEST GEAR BEARING FORWARD									
				HOTTEST GEAR BEARING AFT									
				AUX. COND. CONDENSATE									
				1ST STAGE FEED WATER HEATER									
				D. C. FEED WATER HEATER									
		PRESSURES		3RD STAGE FEED WATER HEATER									
				F.O. TO BURNERS									
				F. O. BACK PRESSURE									
				AIR TO FURNACE									
				UPTAKE									
				MAIN STEAM									
				SUPER HEAT									
				F.O. TO BURNERS									
MISCELLANEOUS		F.O. TEMP. IN SETTLING TANKS											
		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
		NOZZLES IN USE											
		NO. OF BURNERS IN USE											
		BURNER TIP SIZE											
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													

GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL	DOMESTIC WATER							
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	357								
													METER PREVIOUS NOON	EVAPORATED OR RECEIVED	-								
													CONSUMED BY METER	ON HAND	357								
													ON HAND AT START OF DAY	CONSUMED	-								
													RECEIVED DURING DAY	ON HAND AT START OF DAY	1577								
													EXPENDED DURING DAY	RECEIVED	-								
													REMAINING ON BOARD	ON HAND	-								
													ON HAND AT START OF DAY	CONSUMED	-								
1600 TO 2000													EVAPORATED OR RECEIVED	D.O.	1605								
													ON HAND	402	-								
													CONSUMED	-	-								
2000 TO 2400													LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)										
													L.O. CENTRIFUGE - HOURS OPERATED.										
													1200 TO 1800	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200					
2400 TO 0400													SUMMARY										
													RUNNING TIME	PERCENT OF SLIP									
													DETENTION TIME	RBL FUEL/MI									
													TOTAL REVOLUTIONS	WIND DIRECTION									
													AVERAGE R.P.M.	STATE OF SEA									
													TOTAL MILES BY ENGINE	STATE OF WEATHER									
0800 TO 1200													TOTAL MILES BY OBSERVATION										

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

A. L. Wanner

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Rk.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Rk.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

I 2 Eng 6

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

I 2 Eng 6 Rk

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

A. L. Wanner

CHIEF ENGINEER

3	BLRS. 14	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	ADI.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
8 42	E.S. 000	
9052	W.S. 210P	

CHIEF ENGR'S SIGNATURE-

A. L. Wanner

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
13-H		13-H		13-H		13-H		13-H		4/6/68	
		WATCH				WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800	
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800	
RUNNING TIME											
DETENTION TIME											
REVOLUTION COUNTER (END OF WATCH)											
TOTAL REVOLUTIONS (FOR WATCH)											
AVERAGE RPM											
F.O. METER (END OF WATCH)											
F.O. CONSUMED											
MACHINERY PARTICULARS											
PRESSURES											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
I.P. BLEEDER											
L.P. BLEEDER											
TEMPERATURES											
STEAM AT THROTTLE											
L.P. EXHAUST											
CONDENSATE											
CIRC. WATER IN											
CIRC. WATER OUT											
L.O. TO COOLERS											
L.O. FROM COOLERS											
TEMPERATURE THRUST BEARING											
FORWARD H.P. ROTOR BEARING											
MACHINERY PARTICULARS (CONT'D)											
AFT. H. P. ROTOR BEARING											
FORWARD L. P. ROTOR BEARING											
AFT. L. P. ROTOR BEARING											
HOTTEST GEAR BEARING FORWARD											
HOTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
BOILER PARTICULARS											
F.O. TO BURNERS											
F. O. BACK PRESSURE											
AIR TO FURNACE											
UPTAKE											
MAIN STEAM											
SUPER HEAT											
F.O. TO BURNERS											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
NO. OF BURNERS IN USE											
BURNER TIP SIZE											
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											
GENERATORS											
GENERATOR NUMBER											
R.P.M.											
STEAM PRESSURE											
STEAM TEMP.											
L.O. PRESSURE											
L.O. TO COOLER											
L.O. FROM COOLER											
TEMP. OF HOTTEST BEARING											
L.O. GOVERNOR PRESSURE											
AMPS POSITIVE											

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

A. L. Weann

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Rk.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson Rk.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Craig

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Craig

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Craig

CHIEF ENGINEER

# 3	BLRS. # 4	
	P.A.R.	
	T.A.R.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

Clyde Wilson Rk.

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Cherry		13-17		Huntington		S. 7		12-10-68		4/7-8/68			
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS													
PRESSURES													
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM													
L.O. TO TURBINES													
AUX. STEAM													
BACK PRESSURE													
GLAND STEAM													
H.P. BLEEDER													
I.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L.P. EXHAUST													
CONDENSATE													
CIRC. WATER IN													
CIRC. WATER OUT													
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
MACHINERY PARTICULARS (CONT'D)													
TEMPERATURES													
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS													
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE													
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													
MISCELLANEOUS													
GENERATORS													
WATCH													
GENERATOR NUMBER													
R.P.M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													
L.O. FROM COOLER													
TEMP. OF HOTTEST BEARING													
L.O. GOVERNOR PRESSURE													
AMPS POSITIVE													
AMPS NEGATIVE													
VOLTS													
1200 TO 1600													
1600 TO 2000													
2000 TO 2400													
2400 TO 0400													
0400 TO 0800													
0800 TO 1200													
FUEL - WATER AND LUBE OIL													
METER AT NOON													
METER PREVIOUS NOON													
CONSUMED BY METER													
ON HAND AT START OF DAY													
RECEIVED DURING DAY													
EXPENDED DURING DAY													
REMAINING ON BOARD													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
DOMESTIC WATER													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
SUMMARY													
RUNNING TIME													
DETENTION TIME													
TOTAL REVOLUTIONS													
AVERAGE R.P.M.													
TOTAL MILES BY ENGINE													
TOTAL MILES BY OBSERVATION													
PERCENT OF SLIP													
BBL FUEL/MI													
WIND DIRECTION													
STATE OF SEA													
STATE OF WEATHER													

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Walter Wilson Jr

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Walter Wilson Jr

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Walter Wilson Jr

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Craig

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Craig

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Craig

CHIEF ENGINEER

FS	BLRS. # 4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

Walter Wilson Jr

USNS <i>George F. Johnson</i>		VOYAGE NO. <i>13-7</i>	FROM <i>Honolulu</i>	TO <i>San Francisco</i>	TYPE OF VESSEL <i>12-12-12</i>	DATE <i>7/8-9/68</i>	
		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME							
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)							
TOTAL REVOLUTIONS (FOR WATCH)							
AVERAGE RPM							
F.O. METER (END OF WATCH)							
F.O. CONSUMED							
MACHINERY PARTICULARS	PRESSURES	THROTTLE					
		H.P. AHEAD					
		L.P. AHEAD					
		VACUUM					
		L.O. TO TURBINES					
		AUX. STEAM					
		BACK PRESSURE					
		GLAND STEAM					
		H.P. BLEEDER					
		I.P. BLEEDER					
	L.P. BLEEDER						
	TEMPERATURES	STEAM AT THROTTLE					
		L.P. EXHAUST					
		CONDENSATE					
		CIRC. WATER IN					
		CIRC. WATER OUT					
		L.O. TO COOLERS					
		L.O. FROM COOLERS					
		TEMPERATURE THRUST BEARING					
		FORWARD H.P. ROTOR BEARING					
TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING					
	FORWARD L. P. ROTOR BEARING						
	AFT. L. P. ROTOR BEARING						
	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE						
	1ST STAGE FEED WATER HEATER						
	D. C. FEED WATER HEATER						
	3RD STAGE FEED WATER HEATER						
	PRESSURES	F.O. TO BURNERS					
F. O. BACK PRESSURE							
AIR TO FURNACE							
UPTAKE							
MAIN STEAM							
SUPER HEAT							
F.O. TO BURNERS							
F.O. TEMP. IN SETTLING TANKS							
PORT BOILER UPTAKE							
STBD. BOILER UPTAKE							
MISCELLANEOUS	ENGINE ROOM TEMPERATURE						
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE						
	BURNER TIP SIZE						
	CO ₂ % PORT BOILER						
	CO ₂ % STBD. BOILER						
	OIL LEVEL						
	MAIN SUMP						

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL					
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL		
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	157		
													METER PREVIOUS NOON	EVAPORATED OR RECEIVED			
													CONSUMED BY METER	ON HAND			
													ON HAND AT START OF DAY	CONSUMED			
													RECEIVED DURING DAY	ON HAND AT START OF DAY	1571		
													EXPENDED DURING DAY	RECEIVED			
													REMAINING ON BOARD	ON HAND			
													ON HAND AT START OF DAY	CONSUMED			
													EVAPORATED OR RECEIVED		1605		
													ON HAND				
													CONSUMED				
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)																	
L.O. CENTRIFUGE - HOURS OPERATED																	
	1200 TO 1800	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200											
SUMMARY																	
RUNNING TIME							PERCENT OF SLIP										
DETENTION TIME							BBL FUEL/MI										
TOTAL REVOLUTIONS							WIND DIRECTION										
AVERAGE R.P.M.							STATE OF SEA										
TOTAL MILES BY ENGINE							STATE OF WEATHER										
TOTAL MILES BY OBSERVATION																	

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R.E.

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R.E.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R.E.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Craig

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Craig R.E.

0800-1200 WATCH

Plant Secured Bilgas at safe level

WATCH ENGR'S SIGNATURE-

Thompson

CHIEF ENGINEER

# 3	BLRS. # 4	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. J. Thompson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
13-7		13-7		13-7		13-7		13-7		9/9-10/68	

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME DETENTION TIME REVOLUTION COUNTER (END OF WATCH) TOTAL REVOLUTIONS (FOR WATCH) AVERAGE RPM F.O. METER (END OF WATCH) F.O. CONSUMED							MACHINERY PARTICULARS (CONT'D) AFT. H. P. ROTOR BEARING FORWARD L. P. ROTOR BEARING AFT. L. P. ROTOR BEARING HOTTEST GEAR BEARING FORWARD HOTTEST GEAR BEARING AFT AUX. COND. CONDENSATE 1ST STAGE FEED WATER HEATER D. C. FEED WATER HEATER 3RD STAGE FEED WATER HEATER						
MACHINERY PARTICULARS PRESSURES THROTTLE H.P. AHEAD L.P. AHEAD VACUUM L.O. TO TURBINES AUX. STEAM BACK PRESSURE GLAND STEAM H.P. BLEEDER I.P. BLEEDER L.P. BLEEDER TEMPERATURES STEAM AT THROTTLE L.P. EXHAUST CONDENSATE CIRC. WATER IN CIRC. WATER OUT L.O. TO COOLERS L.O. FROM COOLERS TEMPERATURE THRUST BEARING FORWARD H.P. ROTOR BEARING							BOILER PARTICULARS TEMPERATURES F.O. TO BURNERS F. O. BACK PRESSURE AIR TO FURNACE UPTAKE MAIN STEAM SUPER HEAT F.O. TO BURNERS F.O. TEMP. IN SETTLING TANKS PORT BOILER UPTAKE STBD. BOILER UPTAKE MISCELLANEOUS ENGINE ROOM TEMPERATURE FIRE ROOM TEMPERATURE NOZZLES IN USE NO. OF BURNERS IN USE BURNER TIP SIZE CO ₂ % PORT BOILER CO ₂ % STBD. BOILER OIL LEVEL MAIN SUMP						

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL		
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	357		
													METER PREVIOUS NOON	EVAPORATED OR RECEIVED			
													CONSUMED BY METER	ON HAND	357		
													ON HAND AT START OF DAY	CONSUMED			
													RECEIVED DURING DAY	ON HAND AT START OF DAY	1571		
													EXPENDED DURING DAY	RECEIVED			
													REMAINING ON BOARD	ON HAND			
													ON HAND AT START OF DAY	CONSUMED			
													EVAPORATED OR RECEIVED		1635		
													ON HAND				
													CONSUMED				
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)																	
L.O. CENTRIFUGE - HOURS OPERATED																	
1200 TO 1600												1600 TO 2000					
2000 TO 2400												2400 TO 0400					
0400 TO 0800												0800 TO 1200					
SUMMARY																	
RUNNING TIME												PERCENT OF SLIP					
DETENTION TIME												BBL FUEL/MI					
TOTAL REVOLUTIONS												WIND DIRECTION					
AVERAGE R.P.M.												STATE OF SEA					
TOTAL MILES BY ENGINE												STATE OF WEATHER					
TOTAL MILES BY OBSERVATION																	

REMARKS

1200-1600 WATCH

07:45 Fired up #4 Boiler 13:00 PSI at 400" Raised vac on aux @ 1230
 1245 Started #3 & 4 Turbo-Gen's, 1330 Tested over speed Trips 3 Times #3 & 4
 Generators Tested OK. 1415 Secured #4 Boiler & #3 & 4 Turbo Gen's.

WATCH ENGR'S SIGNATURE-

Thompson

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Lyda Wilson R/E.

2000-2400 WATCH

opened steam drum vent on #4 boiler @ 25"
Plant Secured

WATCH ENGR'S SIGNATURE-

Lyda Wilson R/E.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Lang

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Lang

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. M. Chavez 3/A.

CHIEF ENGINEER

# 3	BLRS. # 4	
	PAK.	
	YAK.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	E.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. M. Chavez

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
USNS		13-17		Hunters Point, N.Y.				12-13-14		7/10-11/68							
WATCH																	
<table border="1"> <tr> <th>1200 TO 1600</th> <th>1600 TO 2000</th> <th>2000 TO 2400</th> <th>2400 TO 0400</th> <th>0400 TO 0800</th> <th>0800 TO 1200</th> </tr> </table>												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200												
MACHINERY PARTICULARS RUNNING TIME DETENTION TIME REVOLUTION COUNTER (END OF WATCH) TOTAL REVOLUTIONS (FOR WATCH) AVERAGE RPM F.O. METER (END OF WATCH) F.O. CONSUMED						MACHINERY PARTICULARS (CONT'D) AFT. H. P. ROTOR BEARING FORWARD L. P. ROTOR BEARING AFT. L. P. ROTOR BEARING HOTTEST GEAR BEARING FORWARD HOTTEST GEAR BEARING AFT AUX. COND. CONDENSATE 1ST STAGE FEED WATER HEATER D. C. FEED WATER HEATER 3RD STAGE FEED WATER HEATER											
PRESSURES THROTTLE H.P. AHEAD L.P. AHEAD VACUUM L.O. TO TURBINES AUX. STEAM BACK PRESSURE GLAND STEAM H.P. BLEEDER I.P. BLEEDER L.P. BLEEDER						TEMPERATURES F.O. TO BURNERS F. O. BACK PRESSURE AIR TO FURNACE UPTAKE MAIN STEAM SUPER HEAT F.O. TO BURNERS F.O. TEMP. IN SETTLING TANKS PORT BOILER UPTAKE STBD. BOILER UPTAKE											
TEMPERATURES STEAM AT THROTTLE L.P. EXHAUST CONDENSATE CIRC. WATER IN CIRC. WATER OUT L.O. TO COOLERS L.O. FROM COOLERS TEMPERATURE THRUST BEARING FORWARD H.P. ROTOR BEARING						MISCELLANEOUS ENGINE ROOM TEMPERATURE FIRE ROOM TEMPERATURE NOZZLES IN USE NO. OF BURNERS IN USE BURNER TIP SIZE CO ₂ % PORT BOILER CO ₂ % STBD. BOILER OIL LEVEL MAIN SUMP											

GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL	DOMESTIC WATER							
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND							
													METER PREVIOUS NOON	CONSUMED	ON HAND AT START OF DAY	CONSUMED							
													CONSUMED BY METER	ON HAND	ON HAND AT START OF DAY	RECEIVED							
													ON HAND AT START OF DAY	CONSUMED	ON HAND	ON HAND							
													RECEIVED DURING DAY	ON HAND AT START OF DAY	ON HAND	ON HAND							
													EXPENDED DURING DAY	RECEIVED	RECEIVED	RECEIVED							
													REMAINING ON BOARD	ON HAND	ON HAND	ON HAND							
													ON HAND AT START OF DAY	CONSUMED	CONSUMED	CONSUMED							
													EVAPORATED OR RECEIVED	ON HAND	ON HAND	ON HAND							
													ON HAND	ON HAND	ON HAND	ON HAND							
													CONSUMED	CONSUMED	CONSUMED	CONSUMED							
1600 TO 2000																							
2000 TO 2400																							
2400 TO 0400																							
0400 TO 0800																							
0800 TO 1200																							

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

RUNNING TIME	PERCENT OF SLIP
DETENTION TIME	BBL FUEL/MI
TOTAL REVOLUTIONS	WIND DIRECTION
AVERAGE R.P.M.	STATE OF SEA
TOTAL MILES BY ENGINE	STATE OF WEATHER
TOTAL MILES BY OBSERVATION	

REMARKS

1200-1600 WATCH

Plant secured Bilges at safe level

WATCH ENGR'S SIGNATURE-

Thos. Hunt

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Craig

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Craig

0800-1200 WATCH

Plant secured Bilges at safe level

WATCH ENGR'S SIGNATURE-

Thos. Hunt

CHIEF ENGINEER

<input type="checkbox"/>	BLRS.	<input type="checkbox"/>
<input type="checkbox"/>	P.A.K.	<input type="checkbox"/>
<input type="checkbox"/>	T.A.K.	<input type="checkbox"/>
<input type="checkbox"/>	CHL.	<input type="checkbox"/>
<input type="checkbox"/>	PHOS.	<input type="checkbox"/>
<input type="checkbox"/>	P.H. Cond.	<input type="checkbox"/>
<input type="checkbox"/>	P.H.D.C.	<input type="checkbox"/>
CHEMICALS ADDED		
<input type="checkbox"/>	ADJ.	<input type="checkbox"/>
<input type="checkbox"/>	G.C.	<input type="checkbox"/>
<input type="checkbox"/>	A.H.C.	<input type="checkbox"/>
STEAMING HOURS		
<input type="checkbox"/>	F.S.	<input type="checkbox"/>
<input type="checkbox"/>	W.S.	<input type="checkbox"/>

CHIEF ENGR'S SIGNATURE-

W. H. Chamberlain

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Superflex Paper		13-H		Hunters Point, Calif.				12-12-52		7/11-12/68			
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS (CONT'D)													
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L. P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS													
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE													
CO2 % PORT BOILER													
CO2 % STBD. BOILER													
OIL LEVEL MAIN SUMP													
MISCELLANEOUS													
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM													
L.O. TO TURBINES													
AUX. STEAM													
BACK PRESSURE													
GLAND STEAM													
H.P. BLEEDER													
I.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L.P. EXHAUST													
CONDENSATE													
CIRC. WATER IN													
CIRC. WATER OUT													
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													

GENERATORS													
WATCH													
GENERATOR NUMBER													
R.P.M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													
L.O. FROM COOLER													
TEMP. OF HOTTEST BEARING													
L.O. GOVERNOR PRESSURE													
AMPS POSITIVE													
AMPS NEGATIVE													
VOLTS													
1200 TO 1600													
1600 TO 2000													
2000 TO 2400													
2400 TO 0400													
0400 TO 0800													
0800 TO 1200													
FUEL - WATER AND LUBE OIL													
METER AT NOON													
METER PREVIOUS NOON													
CONSUMED BY METER													
ON HAND AT START OF DAY													
RECEIVED DURING DAY													
EXPENDED DURING DAY													
REMAINING ON BOARD													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
DOMESTIC WATER													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
SUMMARY													
RUNNING TIME													
DETENTION TIME													
TOTAL REVOLUTIONS													
AVERAGE R.P.M.													
TOTAL MILES BY ENGINE													
TOTAL MILES BY OBSERVATION													
PERCENT OF SLIP													
BBL FUEL/MI													
WIND DIRECTION													
STATE OF SEA													
STATE OF WEATHER													

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *Thos Lunt*

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *Clyde Wilson Jr*

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *Clyde Wilson Jr*

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *J 2 Long Jr*

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *J 2 Long Jr*

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- *Thos Lunt*

CHIEF ENGINEER

<input type="checkbox"/>	BLRS.	<input type="checkbox"/>
<input type="checkbox"/>	P.A.K.	<input type="checkbox"/>
<input type="checkbox"/>	Y.A.K.	<input type="checkbox"/>
<input type="checkbox"/>	CHL.	<input type="checkbox"/>
<input type="checkbox"/>	PHOS.	<input type="checkbox"/>
<input type="checkbox"/>	P.H. Cond.	<input type="checkbox"/>
<input type="checkbox"/>	P.H.D.C.	<input type="checkbox"/>
CHEMICALS ADDED		
<input type="checkbox"/>	ADJ.	<input type="checkbox"/>
<input type="checkbox"/>	G.C.	<input type="checkbox"/>
<input type="checkbox"/>	A.R.C.	<input type="checkbox"/>
STEAMING HOURS		
<input type="checkbox"/>	F.S.	<input type="checkbox"/>
<input type="checkbox"/>	W.S.	<input type="checkbox"/>

CHIEF ENGR'S SIGNATURE- *W. L. Thompson Jr*

[illegible]

REMARKS

1200-1600 WATCH

Plant secured Bilges at safe Level

WATCH ENGR'S SIGNATURE-

Thos J Lumb

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clayton Wilson R.E.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clayton Wilson R.E.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J 2 Briggs

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J 2 Briggs

0800-1200 WATCH

Plant secured - Bilges at safe Level

* 3 & 4 Aux. Condensers inspection plates removed for ventilation

Main Condenser insp. plates removed for ventilation.

Forepeak & After Peak F.W. tanks - Access hole covers raised one inch for ventilation

WATCH ENGR'S SIGNATURE-

Thos J Lumb

CHIEF ENGINEER

	BLRS.	
	PAK.	
	TALK.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
	E.S.	
	W.S.	

CHIEF ENGR'S SIGNATURE-

W. L. Thompson

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME							MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING				
DETENTION TIME									FORWARD L. P. ROTOR BEARING				
REVOLUTION COUNTER (END OF WATCH)									AFT. L. P. ROTOR BEARING				
TOTAL REVOLUTIONS (FOR WATCH)									HOTTEST GEAR BEARING FORWARD				
AVERAGE RPM									HOTTEST GEAR BEARING AFT				
F.O. METER (END OF WATCH)									AUX. COND. CONDENSATE				
F.O. CONSUMED									1ST STAGE FEED WATER HEATER				
									D. C. FEED WATER HEATER				
									3RD STAGE FEED WATER HEATER				
MACHINERY PARTICULARS	PRESSURES	THROTTLE					BOILER PARTICULARS	TEMPERATURES	F.O. TO BURNERS				
		H.P. AHEAD							F. O. BACK PRESSURE				
		L.P. AHEAD							AIR TO FURNACE				
		VACUUM							UPTAKE				
		L.O. TO TURBINES							MAIN STEAM				
		AUX. STEAM							SUPER HEAT				
		BACK PRESSURE							F.D. TO BURNERS				
		GLAND STEAM							F.O. TEMP. IN SETTLING TANKS				
		H.P. BLEEDER							PORT BOILER UPTAKE				
		I.P. BLEEDER							STBD. BOILER UPTAKE				
	L.P. BLEEDER												
	TEMPERATURES	STEAM AT THROTTLE					MISCELLANEOUS	ENGINE ROOM TEMPERATURE					
		L.P. EXHAUST						FIRE ROOM TEMPERATURE					
		CONDENSATE						NOZZLES IN USE					
		CIRC. WATER IN						NO. OF BURNERS IN USE					
		CIRC. WATER OUT						BURNER TIP SIZE					
		L.O. TO COOLERS						CO ₂ % PORT BOILER					
		L.O. FROM COOLERS						CO ₂ % STBD. BOILER					
		TEMPERATURE THRUST BEARING						OIL LEVEL MAIN SUMP					
FORWARD H.P. ROTOR BEARING													

GENERATORS													FUEL - WATER AND LUBE OIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
WATCH	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L. O. PRESSURE	L. O. TO COOLER	L. O. FROM COOLER	TEMP. OF HOTTEST BEARING	L. O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL			BOILER WATER		LUBE OIL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
													METER AT NOON			ON HAND AT START OF DAY		EVAPORATED OR RECEIVED		ON HAND		CONSUMED		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1200 TO 1600														METER PREVIOUS NOON	15675320																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

REMARKS

1200-1600 WATCH

Plant secured - Bilges at safe Level
VALVES WIRED CLOSED - AUX C.W. SEASUCTION & SEA CHEST, AUX CIRC. IN & OUT, AUX'S
CONDENSER 3/4 C.W. INLETS, FIRE MAIN & EMERG CROSSOVER TO AUX CIRC PUMP, DIESEL OIL
DISCH. & FILL, Bilge pump STEAM CHEST, High & Low MAIN CIRC & STEAM CHEST, MAIN CIRC OVRD,
Boiler BOTTOM BLOW, M.U.E BLOWDOWN & CONT. BT EVAP, Blow down skin valves,
INSTALLED OVRD ^{CONDENSATE} DRAIN WITH CHECK VALVE.

WATCH ENGR'S SIGNATURE-

[Signature]

1600-2000 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE-

[Signature]

2000-2400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

[Signature]

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

[Signature]

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

[Signature]

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

[Signature]

CHIEF ENGINEER

<input type="checkbox"/>	BLRS. &	
<input type="checkbox"/>	P.A.L.K.	
<input type="checkbox"/>	T.A.L.K.	
<input type="checkbox"/>	CHL.	
<input type="checkbox"/>	PHOS.	
<input type="checkbox"/>	P.H. Cond.	
<input type="checkbox"/>	P.H.-D.C.	
CHEMICALS ADDED		
<input type="checkbox"/>	ADJ.	
<input type="checkbox"/>	G.C.	
<input type="checkbox"/>	A.R.C.	
STEAMING HOURS		
<input type="checkbox"/>	F.S.	
<input type="checkbox"/>	W.S.	

CHIEF ENGR'S SIGNATURE-

[Signature]

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
13-17		13-17		13-17		13-17		13-17		9/14-15/65			
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
WATCH													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)													
F.O. CONSUMED													
MACHINERY PARTICULARS (CONT'D)													
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L. P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS													
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE													
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													
MACHINERY PARTICULARS													
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM													
L.O. TO TURBINES													
AUX. STEAM													
BACK PRESSURE													
GLAND STEAM													
H.P. BLEEDER													
I.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L.P. EXHAUST													
CONDENSATE													
CIRC. WATER IN													
CIRC. WATER OUT													
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
GENERATORS													
WATCH													
GENERATOR NUMBER													
R.P.M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													
L.O. FROM COOLER													
TEMP. OF HOTTEST BEARING													
L.O. GOVERNOR PRESSURE													
AMPS POSITIVE													
AMPS NEGATIVE													
VOLTS													
FUEL OIL													
METER AT NOON													
METER PREVIOUS NOON													
CONSUMED BY METER													
ON HAND AT START OF DAY													
RECEIVED DURING DAY													
EXPENDED DURING DAY													
REMAINING ON BOARD													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
DOMESTIC WATER													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200													
SUMMARY													
RUNNING TIME													
PERCENT OF SLIP													
DETENTION TIME													
BBL FUEL/MI													
TOTAL REVOLUTIONS													
WIND DIRECTION													
AVERAGE R.P.M.													
STATE OF SEA													
TOTAL MILES BY ENGINE													
STATE OF WEATHER													
TOTAL MILES BY OBSERVATION													